

**UNCLASSIFIED**

---

**AD 404 513**

*Reproduced  
by the*

**DEFENSE DOCUMENTATION CENTER**

**FOR**

**SCIENTIFIC AND TECHNICAL INFORMATION**

**CAMERON STATION, ALEXANDRIA, VIRGINIA**



---

**UNCLASSIFIED**

NOTICE: When government or other drawings, specifications or other data are used for any purpose other than in connection with a definitely related government procurement operation, the U. S. Government thereby incurs no responsibility, nor any obligation whatsoever; and the fact that the Government may have formulated, furnished, or in any way supplied the said drawings, specifications, or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use or sell any patented invention that may in any way be related thereto.

6334

HEADQUARTERS  
QUARTERMASTER RESEARCH & ENGINEERING COMMAND  
U S ARMY

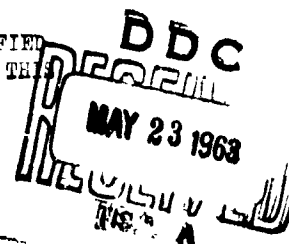
CATALOGED BY ASTIA  
AS AD NO. ~~4045~~  
404513

TECHNICAL REPORT  
ES-1

404 513

PUBLICATIONS IN THE EARTH SCIENCES

Astia Availability Notice: "QUALIFIED  
REQUESTORS MAY OBTAIN COPIES OF THIS  
REPORT FROM ASTIA."



QUARTERMASTER RESEARCH & ENGINEERING CENTER  
EARTH SCIENCES DIVISION

DECEMBER 1962

NATICK, MASSACHUSETTS

AD	Div. 3	Accession No.	UNCLASSIFIED	AD	Div. 3	Accession No.	UNCLASSIFIED
<p>Quartermaster Research &amp; Engineering Center, Natick, Mass. PUBLICATIONS IN THE EARTH SCIENCES Dec 1963 58 pp (Technical Report ES-1)</p> <p>This report lists all the earth science reports that have been published since the start of the earth sciences program in the Quartermaster Corps in 1942. The reports cover geography and its subfields, including climatology, geomorphology, and biogeography of plants and animals, including man.</p>	<p>1. Geography 2. Climatology 3. Terrain 4. Geological survey 5. Deserts 6. Tropical regions 7. Mountains 8. Soils I. Title II. Series</p>	<p>Quartermaster Research &amp; Engineering Center, Natick, Mass. PUBLICATIONS IN THE EARTH SCIENCES Dec 1963 58 pp (Technical Report ES-1)</p> <p>This report lists all the earth science reports that have been published since the start of the earth sciences program in the Quartermaster Corps in 1942. The reports cover geography and its subfields, including climatology, geomorphology, and biogeography of plants and animals, including man.</p>	<p>1. Geography 2. Climatology 3. Terrain 4. Geological survey 5. Deserts 6. Tropical regions 7. Mountains 8. Soils I. Title II. Series</p>	AD	Div. 3	Accession No.	UNCLASSIFIED
<p>Quartermaster Research &amp; Engineering Center, Natick, Mass. PUBLICATIONS IN THE EARTH SCIENCES Dec 1963 58 pp (Technical Report ES-1)</p> <p>This report lists all the earth science reports that have been published since the start of the earth sciences program in the Quartermaster Corps in 1942. The reports cover geography and its subfields, including climatology, geomorphology, and biogeography of plants and animals, including man.</p>	<p>1. Geography 2. Climatology 3. Terrain 4. Geological survey 5. Deserts 6. Tropical regions 7. Mountains 8. Soils I. Title II. Series</p>	<p>Quartermaster Research &amp; Engineering Center, Natick, Mass. PUBLICATIONS IN THE EARTH SCIENCES Dec 1963 58 pp (Technical Report ES-1)</p> <p>This report lists all the earth science reports that have been published since the start of the earth sciences program in the Quartermaster Corps in 1942. The reports cover geography and its subfields, including climatology, geomorphology, and biogeography of plants and animals, including man.</p>	<p>1. Geography 2. Climatology 3. Terrain 4. Geological survey 5. Deserts 6. Tropical regions 7. Mountains 8. Soils I. Title II. Series</p>	AD	Div. 3	Accession No.	UNCLASSIFIED
<p>Quartermaster Research &amp; Engineering Center, Natick, Mass. PUBLICATIONS IN THE EARTH SCIENCES Dec 1963 58 pp (Technical Report ES-1)</p> <p>This report lists all the earth science reports that have been published since the start of the earth sciences program in the Quartermaster Corps in 1942. The reports cover geography and its subfields, including climatology, geomorphology, and biogeography of plants and animals, including man.</p>	<p>1. Geography 2. Climatology 3. Terrain 4. Geological survey 5. Deserts 6. Tropical regions 7. Mountains 8. Soils I. Title II. Series</p>	<p>Quartermaster Research &amp; Engineering Center, Natick, Mass. PUBLICATIONS IN THE EARTH SCIENCES Dec 1963 58 pp (Technical Report ES-1)</p> <p>This report lists all the earth science reports that have been published since the start of the earth sciences program in the Quartermaster Corps in 1942. The reports cover geography and its subfields, including climatology, geomorphology, and biogeography of plants and animals, including man.</p>	<p>1. Geography 2. Climatology 3. Terrain 4. Geological survey 5. Deserts 6. Tropical regions 7. Mountains 8. Soils I. Title II. Series</p>	AD	Div. 3	Accession No.	UNCLASSIFIED

QUARTERMASTER RESEARCH & ENGINEERING CENTER

Natick, Massachusetts

EARTH SCIENCES DIVISION

Technical Report  
ES-1

PUBLICATIONS IN THE EARTH SCIENCES

Project Reference :  
7X-83-01-008

December 1962

## FOREWORD

In Fiscal Year 1962 the responsibility for applied environmental research in the Quartermaster Corps was given to the newly-created Earth Sciences Division. Thus it is an appropriate time to list all of the research reports that have been published since the start of the earth sciences program in the Quartermaster Corps in 1942. The reports cover geography and its subfields, including climatology, geomorphology, and biogeography of plants and animals, including man.

This bibliography is intended to serve as a practical index to the considerable body of knowledge in the earth sciences represented by the reports and as a convenience in answering the numerous requests for information by governmental, academic, and professional organizations and individuals.

Appreciation is expressed to Dr. Paul Siple, Dr. Hoyt Lemons, and Dr. Austin Herschel, Chiefs of the predecessor Environmental Protection Research Division and earlier organizations, under whose leadership most of the past work was accomplished. Carolyn Ryan, geographer, prepared the present bibliography.

PEVERIL MEIGS  
Chief  
Earth Sciences Division

Approved:

DALE H. SIELING, Ph.D.  
Scientific Director

MERRILL L. TRIBE  
Brigadier General, USA  
Commanding

## CONTENTS

	Page
Introduction	1
1. Research reports	3
2. Technical reports	9
3. Research study reports	17
4. Special reports (new series: S)	23
5. Memorandum reports	27
6. Special reports	31
7. Clothing almanacs	37
8. Contract reports	41
9. Publications in the open literature	47

## PUBLICATIONS IN THE EARTH SCIENCES

### Introduction

Since 1942 a group of geographers and climatologists within the Quartermaster Corps has been carrying out research as part of a program to determine the needs of the soldier for food, clothing, and personal equipment, and to recommend necessary action to assure protection, comfort, and operational effectiveness for the soldier under all climatic conditions in all geographic environments of the world. Since 1949 the responsibility of this group of earth scientists has been extended to include geographic and climatic studies contributing to logistical research and development throughout the Department of the Army. Most of the publications resulting from this research have value as scientific contributions in their field, and have proven to be of interest to scientists outside as well as inside the Department of the Army.

The present report brings together in a useful form a record of this earth science research, and is prepared in response to numerous requests for such a record. It lists the publications containing the results of the geographic and climatologic studies by the present Earth Sciences Division of the Quartermaster Research and Engineering Center and all its predecessor organizations. Many of the reports were published within the Quartermaster Corps. Some appeared in national or international scientific or technical journals or other non-military media; others were published by universities or other research organizations as reports of studies prepared under contract with the Quartermaster Research and Engineering Center. Most of the reports are listed according to number under the headings of the various series of groups in which they are published. Contract reports and publications in the open (i.e., "outside") literature are grouped (alphabetically) in the year in which they were published.

The Research Report series (list 1) was initiated in 1945. It dealt with the principles of environmental protection involving man, clothing or equipment, and environment. Only those reports of this series which involve the earth sciences are listed here.

Technical Reports (list 2) which date from 1953, are the successors of the Research Reports. Those Technical Reports published by the former Environmental Protection Research Division have the letters EP preceding the report number. The newest series of technical reports, published by the Earth Sciences Division, are designated by the letters ES. This latter group began in October, 1961, after the Earth Sciences Division was established as a separate division of the Quartermaster Research and Engineering Center.



Research Study Reports (list 3) which include the EA and RER series, usually present the results of less extensive research. Limited in scope, they are prepared in response to specific requests, often written to meet a close deadline, and they do not ordinarily receive wide distribution, although there has been very wide demand for some of them.

The Research Study Reports have been succeeded by the series known as Special Reports: S (list 4).

Memorandum Reports (list 5) comprised the first series of informal reports prepared by the Environmental Protection Division. They were started in 1946.

In 1948 the Memorandum Reports were replaced by a Special Report series (list 6). Both Memorandum Reports and Special Reports contain information of rather limited scope which was required for use within the Section or Branch.

The Clothing Almanacs (list 7) were published between 1945 and 1951. Several of these formed the basis for official documents. Based upon climatic and geographic analysis, each of the 25 Almanacs outlines the clothing requirements for different world regions.

Contract Reports (list 8) are the results of research carried out under contract with the Quartermaster Corps. Some are published as technical reports; others are published as monographs by the contractors; and still others are published as articles in scientific or technical journals.

The last group of publications listed in this bibliography ("outside" publications list 9) consists of monographs, books, or articles which are published in the open literature by Earth Scientists of the Quartermaster Corps. The authors of some of the publications included here are no longer associated with the QMC, but their articles appeared during their tour of duty with the QMC.

The reports are distributed free, on request, if there are enough copies. Some are out of print and are not available for distribution, but copies may be used at the Quartermaster Research and Engineering Center at Natick, Massachusetts, or, if necessary, copies may be borrowed on library loan. Many of the technical reports are available at other Department of Defense agencies. Most of the reports listed here can be borrowed from the Armed Services Technical Information Agency (ASTIA), or purchased from the Office of Technical Services, U.S. Department of Commerce.

1. Research Reports\*

<u>Number</u>		<u>Title</u>	<u>Date</u>
124		The Climate of the Soldier:	
	W.A. Baum	Part I - Microclimatic Instruments and Methods: An Annotated Bibliography	Jan 1948
	W.A. Baum	Part II - Microclimatic Investigations: A Bibliography	Feb 1948
	W.A. Baum	Part III - Vertical Temperature Distribution Surrounding the Soldier	Jan 1949
	C.W. Thornthwaite	Part IV - Determining the Wind on the Soldier	Feb 1949
127		The Russian Arctic:	
	M. Sundstrom	Part I - Landforms, Permafrost and Vegetation of European Russia: An Annotated Bibliography	Apr 1948
128	J.J. Groot C.R. Groot W. Van Royen	Desert and Semi-Desert Regions of Western Africa (An Annotated Bibliography)	Apr 1948
129	A. Dutilly	A Bibliography of Reindeer, Caribou and Musk-Ox	May 1949
138	A. Court	Climatic Zones for Ration Use	Oct 1948
143	A. Court O. Parmele	Winter Temperatures at Churchill	Dec 1948
145	F. Nicholas N. Sissenwine	Dew Point and Sea Surface Temperatures	Mar 1949
146	N. Sissenwine A. Court	Climatic Extremes for Military Equipment	Nov 1951
154	D.H.K. Lee	Interactions of Tropical Environments and Human Performance	Mar 1949
156	R. Pratt	Weather and Alaskan Insects	Aug 1949

\* Research Report are no longer available for distribution

# Research Reports (continued)

160	Z.M. Prik G.S. Mitchell (transl.)	Climatic Outline of the Kara Sea	Feb 1950
162	A. Dutilly	A Bibliography on the Relation of Mosquitoes to Vegetation in the Eurasian Arctic and Subarctic	Jan 1950
165	N. Sissenwine	Synthetic Temperature and Humidity Cycles	Mar 1950
167	C.W. Thornthwaite	Estimating Soil Tractionability by Climatic Analysis	Apr 1950
168	J.J. Groot C.R. Groot W. Van Royen	Snow Cover of the U.S.S.R.	Jun 1950
171	A. Court A. Hansen	Korean Environment	Dec 1950
173	R. Miller P. Hayes	Army Clothing for Turkey	Mar 1951
174	N. Sissenwine	Temperatures and Humidities in Army Warehouses	Jan 1951
175	Staff	Evaluation of Climatic Extremes	Mar 1951
178	N. Sissenwine R. Anstey P. Meigs	Studies on Clothing for Hot Environments, Death Valley, 1950. Part II: Environment	Jun 1951
179	E.E. Lackey	Iran, Environmental Conditions Affecting Logistics	Jul 1951
192	C.W. Ross	Harmful Arachnida in the USA	Sep 1952
200	Staff	Handbook of Yuma Environment	Feb 1953
218	Staff	Handbook of Mt. Washington Environment	Aug 1953
219	Staff	Environment of Southeast Asia	Aug 1953
226	W.F. Thompson	Environmental Handbook for Whittier, Alaska	Apr 1954

Research Reports (continued)

227	W.C. Robison W.C. Hessen	Environmental Handbook for Dugway Proving Ground	Apr 1954
231	W.C. Robison W.C. Hessen D.W. Hogue	Handbook of Fort Lee Environment	Jun 1954

List 2

TECHNICAL REPORTS

## 2. Technical Reports

<u>Number</u>	<u>Author</u>	<u>Title</u>	<u>Date</u>
*EP-2	F. de Percin S. Falkowski	Frequency and Duration of Low Temperatures at Fort Churchill Manitoba, Canada	Jul 1954
EP-4	F. de Percin L. White	Handbook of Fort Churchill Environment	Aug 1954
*EP-5	F. de Percin S. Falkowski R. Miller	Handbook of Big Delta, Alaska, Environment	Apr 1955
*EP-6	F. de Percin S. Falkowski	Frequencies of Selected Low Tempera- tures in Alaska	Feb 1955
EP-8	F. de Percin E. Bingham	Handbook of Devils Lake, North Dakota, Environment	Apr 1955
*EP-9	A.V. Dodd	High Humidities at High Temperatures	May 1955
*EP-16	L. Anderson	Variability of Monthly Mean Tempera- ture	Jul 1955
*EP-17	J.V. Chambers A.V. Dodd S.C. Wiley	Environmental Handbook of Fort Sherman and Fort Gulick, Panama Canal Zone	Jul 1955
*EP-25	P. Meigs F. de Percin	Frequency of Cold-wet Climatic Condi- tions in the United States	Jul 1956
EP-27	W.L. Porter	Occurrence of High Temperatures in Standing Boxcars	Feb 1956
EP-34	R.L. Anstey	Handbook of Thule, Greenland, Environment	Aug 1956 (revised Mar 1961)
*EP-35	H.L. Ohman R. Pratt	The Daytime Influence of Irrigation upon Desert Humidities	May 1956
EP-36	E.E. Lackey R. Drummond	Visibility in Some Forest Stands of the United States	May 1956
EP-37	J.V. Chamber- P.C. Dalrymple	Color Regions of the World	Oct 1956

# Technical Reports (continued)

EP-38	F. de Percin S. Falkowski	A Topoclimatic Study, Fort Churchill, Canada	Apr 1956
*EP-46	E.E. Lackey	A Graphic Method for Assessing Hourly Temperature Probabilities	Mar 1957
*EP-53	T. Clements R.H. Merriam R.O. Stone J.L. Eymann H.L. Reade	A Study of Desert Surface Conditions	Apr 1957
EP-62	F. de Percin S.J. Falkowski	Handbook of the Quartermaster Research and Engineering Center: Environment and Climatic Test Facilities	Jan 1957
*EP-63	J.V. Chambers P.C. Dalrymple H. Jones	Wet Tropics: Limits and Characteristics	Sep 1957
EP-64	W. Calef M. Lackey J. Trotter R. Lamb J. Wray	Winter Weather Type Frequencies, Northern Great Plains	Aug 1957
EP-77	S.J. Falkowski	Climatic Analogs of Fort Greely, Alaska, and Fort Churchill, Canada, in Eurasia	Dec 1957
EP-79	W.F. Thompson A.V. Dodd	Environmental Handbook for the Camp Hale and Pikes Peak Areas, Colorado	Jan 1958
EP-80	H.H. Rasche	Temperature Differences in Harvard Forest and Their Significance	Jan 1958
EP-82	S.J. Falkowski A.D. Hastings	Windchill in the Northern Hemisphere	Feb 1958
*EP-83	B.B. Hull	Hail Size and Distribution	Feb 1958
*EP-87	J.V. Chambers J.M. Blaut	Canal Zone Analogs I - Analogs of Canal Zone Climate in North America	Apr 1958

\* Out of Print

# Technical Reports (continued)

*EP-88	E.E. Lackey	A Method for Assessing and Mapping the January Daily Minimum Temperatures of Northern North America	May 1958
EP-90	W.B. Blair	Canal Zone Analogs III - Analogs of Canal Zone Climate in East Central Africa	Jul 1958
EP-91	W.F. Thompson	Canal Zone Analogs II - Analogs of Canal Zone Climate in India and Southeast Asia	Jun 1958
*EP-92	W.O. Field and Associates	Atlas of Mountain Glaciers in the Northern Hemisphere	Jun 1958
EP-93	W.F. Thompson	Canal Zone Analogs IV - Analogs of Canal Zone Climate in West Central Africa	Jul 1958
EP-94	W.B. Blair	Canal Zone Analogs V - Analogs of Canal Zone Climate in South Central Africa and Madagascar	Jul 1958
EP-97	W.F. Thompson	Canal Zone Analogs VI - Analogs of Canal Zone Climate in South America	Sep 1958
EP-101	J.B. Snell	A Device and Method for Analyzing Line of Sight	Nov 1958
EP-105	I. Bennett	Glaze: Its Meteorology and Climatology, Geographical Distribution, and Economic Effects	Mar 1959
EP-108	J.E. Kesseli C.B. Beaty	Desert Flood Conditions in the White Mountains of California and Nevada	Apr 1959
EP-110	S. Van Valkenburg H.J. Warman W.C. Robison	Atlas of Mean Daily Minimum Temperatures	May 1959
EP-111	A.D. Hastings	Climatic Analogs of Fort Greely, Alaska, and Fort Churchill, Canada, in North America	May 1959

\* Out of Print



# Technical Reports (continued)

EP-112	W.F. Wood J.B. Snell	Predictive Methods in Topographic Analysis, I: Relief, Slope, and Dissection on Inch-to-the-Mile maps in the United States	Apr 1959
EP-113	W.B. Blair J.V. Chambers	Canal Zone Analogs VIII - Analogs of Canal Zone Climate in Australia and New Guinea	Jul 1959
EP-114	W.F. Wood J.B. Snell	Predictive Methods in Topographic Analysis II. Estimating Relief from World Aeronautical Charts	Jun 1959
EP-115	M.E. Sprague C.W. Ross	World Guide to Field Clothing Requirements	Jul 1959
EP-116	W. F. Thompson	Canal Zone Analogs VII - Analogs of Canal Zone Climate in Indonesia, the Phillippines, and Borneo	Jun 1959
EP-118	Staff	Southwest Asia: Environment and Its Relationship to Military Activities	Jul 1959
EP-120	A.V. Dodd H.S. McPhilly	Yuma Summer Microclimate	Nov 1959
*EP-121	W.L. Porter N.H. Roos	Occurrence of High Temperatures in Yuma Storage Dumps	Nov 1959
EP-122	F. de Percin O.S. Parmele	Frequencies and Durations of Hourly Temperatures, Fort Greely, Big Delta, Alaska	Jan 1960
EP-124	W.F. Wood J.B. Snell	A Quantitative System for Classifying Landforms	Feb 1960
EP-130	F. de Percin	Microclimatology of a Subarctic Spruce Forest and a Clearing at Big Delta, Alaska	Apr 1960
*EP-136	I. Bennett R.A. Nelson	The Nighttime Influence of Irrigation upon Desert Humidities	Jul 1960
EP-139	J.H. Conover	Macro- and Microclimatology of the Arctic Slope of Alaska	Oct 1960

\* Out of Print

# Technical Reports (continued)

EP-140	A.D. Hastings	Environment of Southeast Greenland	Oct 1960
EP-141	R.L. Anstey	Canal Zone Analogs IX - Analogs of Canal Zone Climate in the Far East	Oct 1960
EP-142	J.V. Chambers	Canal Zone Analogs X - Analogs of Canal Zone Climate in the Pacific Islands	Nov 1960
EP-143	J.H. Westbrook	A Method of Predicting the Frequency Distribution of Windchill	Jan 1961
ES-2	P.C. Dalrymple	South Pole Micrometeorology Program, Part I: Data Presentation	Oct 1961
ES-3	A.V. Dodd	Mesoclimatic Temperature Differences in the Fort Greely, Alaska, Area	Apr 1962
ES-4	B.B. Travis C. Ross H.H. Caswell, Jr W.B. Rowan H. Stark	Classification and Coding System for Compilations from the World Literature on Insects and Other Arthropods that Affect the Health and Comfort of Man	Aug 1962
ES-5	W.C. Robison A.V. Dodd	Muskeg: Review of Research	Jul 1962

List 3

RESEARCH STUDY REPORTS

3. Research Study Reports  
(Environmental Analysis Branch)

<u>Number</u>	<u>Author</u>	<u>Title</u>	<u>Date</u>
*EA-1	H.S. McPhillimy	Recommended Design Elevations	Aug 1955
*EA-2	W.L. Porter	Performance of Paulins, Modified in Connection with Yuma Dump Storage Research, Summer 1955	Oct 1955
*EA-3	W.L. Porter D.W. Hogue W.C. Robison	Performance of Ground Anchor, Experimental, in Connection with Yuma Dump Storage Research, Summer, 1955	Oct 1955
*EA-4	B.B. Hull	Exploratory Study to Determine Favorable Locations in the U.S. for Construction of a Solar Furnace	Nov 1955
EA-5	D.H. Miller	Micrometeorology in the QM Corps	Oct 1955
EA-6	J.H. Westbrook	Storage Environment of Leather Items in Army Warehouses	Jan 1956
*EA-7	D.H. Miller	Landscape and Climate: The Need for Interdisciplinary Research in Physical Climatology and Physical Geography	Mar 1957
EA-8	W.F. Wood J.B. Snell	Dispersion of Geomorphic Data Around Measures of Central Tendency and Its Application	Mar 1957
EA-9	J.H. Westbrook	High Temperatures at High Elevations	Jan 1958
EA-10	W.F. Wood J.B. Snell	Preliminary Investigations of a Method to Predict Line-of-Sight Capabilities	Jul 1959
EA-11	L. Williams	Temperature Differences within the QMR&E Center: A Relatively Small Homogeneous Area	Jun 1961

\* Out of Print

Research Study Reports (continued)  
(Regional Environments Branch)

*RER-1	Staff	Analogs of Yuma Climate in the Middle East	Mar 1954
*RER-2	W.C. Robison	Analogs of Yuma Climate in Northeast Africa	Aug 1954
*RER-3	W.I. Porter D.W. Hogue W.C. Robison	Analogs of Yuma Climate in Northwest Africa	Mar 1955
*RER-4	W.C. Robison A.V. Dodd	Analogs of Yuma Climate in South Central Asia	Jun 1955
*RER-5	W.C. Robison A.V. Dodd	Analogs of Yuma Climate in Soviet Middle Asia	Sep 1955
*RER-6	M.E. Morris W.C. Robison	Three Mountain Areas in Southwestern Wyoming	Sep 1955
*RER-7	W.C. Robison A.V. Dodd	Analogs of Yuma Climate in Chinese Inner Asia	Dec 1955
*RER-8	R.A. Nelson	Analogs of Yuma Climate in East Central Africa	Apr 1956
RER-9	D.W. Hogue	Temperatures of Northern North America	Jun 1956
RER-10	D.W. Hogue F. de Percin S.J. Falkowski	Exposure Sites for Troop Tests of Magnesium-Enclosed Equipment	Jan 1957
RER-11	A.D. Hastings	Climatic Information Sources for Greenland	Jan 1957
*RER-12	R.A. Nelson	Analogs of Yuma Climate in North America	Jan 1957
*RER-13	R.L. Anstey P. Meigs	Summary of North and Central African Environment	Jun 1957
RER-14	H. McPhelimy	Preparation of Cold Strain Maps	Aug 1957

\* Out of Print

Research Study Reports (continued)  
(Regional Environments Branch)

RER-15	A.V. Dodd	January Temperatures in North America as a Basis for Sleeping Bag Issue	Apr 1958
*RER-16	R.A. Nelson	Comparison of Yuma Test Station and Yuma Weather Bureau Meteorological Records, 1952 through 1956	Nov 1957
*RER-17	R.L. Anstey	Ground Surface Shock Absorbency	Apr 1958
RER-18	R.A. Nelson	A Vegetation Transect of the Thule Peninsula	Apr 1958
RER-19	F. de Percin	Some Observations of the Effect of Direct and Snow-Reflected Solar Radiation on Exposed and Shielded Thermocouples	Apr 1958
RER-20	W.C. Robison	Storage Sites for Packaging and Packing Test of Skis	May 1958
RER-21	G.V. Corinaldi	Environmental Summary of the Maynard QM Test Activity: A Preliminary Report	May 1958
RER-22	V.P. Miller	Microclimatic Observations at Missile Sites	Jul 1958
RER-23	D.W. Hogue	Significant Environmental Contrasts of the Thule and Narsarsuak, Greenland, Areas	Nov 1958
RER-24	S.J. Falkowski	Samples of Climatic Frequency Data	Dec 1958
RER-25	F. de Percin	The Summer Climate of the Laha Peters Area, Brooks Range, Alaska - An Interim Report	Nov 1958
RER-26	E.B. Clark	Problems of Signal Corps Weather Observing at Mt. Washington, Winter 1957-58	Dec 1958

\* Out of Print

Research Study Reports (continued)  
(Regional Environments Branch)

*RER-27	R.L. Anstey	A System for Collation of Environmental Data (superseded by RER-31)	May 1959
RER-28	W.C. Robison	The Measurement and Significance of Dew	Sep 1959
*RER-29	H.L. Ohman	A Graphic Method of Determining Duration of Season with Temperatures above Specified Values at Various Probability Levels	Sep 1959
RER-30	A.D. Hastings	Meteorological Observations in Greenland during Exercise Crystal Key I, Summer 1959	Mar 1960
RER-31	R.L. Anstey	Digitized Environmental Data Processing	Mar 1960
*RER-32	A.V. Dodd	Temperature and Density Altitude Considerations for Design of Army Helicopters	Mar 1960
RER-33	A.D. Hastings	Atlas of Arctic Environment	Mar 1961
RER-34	T.G. Turnbull	Analog of Yuma Climate in South America	Oct 1961
RER-35	H.L. Ohman	Analog of Yuma Climate in Southern Africa	Jun 1961
RER-36	R. L. Anstey	Analog of Yuma Climate in Australia	Oct 1961
RER-37	Staff	An Environmental Comparison of Panama and the Island of Hawaii	Dec 1960
RER-38	J.V. Chambers	An Environmental Comparison of Southeast Asia and the Island of Hawaii	Jan 1961

\* Out of Print

List 4

SPECIAL REPORTS (New Series)



4. Special Reports (New Series)

<u>Number</u>	<u>Author</u>	<u>Title</u>	<u>Date</u>
S-1	Staff	Notes on Some Environmental Conditions Affecting Military Logistics in Thailand	Jun 1962

List 5

MEMORANDUM REPORTS

# 5. Memorandum Reports

<u>Number</u>	<u>Author</u>	<u>Title</u>	<u>Date</u>
9	N. Sissenwine	Climatometer Wall Temperatures	Sep 1947
10	N. Sissenwine	High Temperatures and Accompanying Humidities in Transit and Short-Term Storage	Sep 1947
11	A. Court O.S. Parmele	Alaska Summer Temperatures	Sep 1947
12	A. Court	Wind Chill	Sep 1947
13	N. Sissenwine	Temperature and Humidity in Washington Quartermaster Depot Storage Facilities	Nov 1947
14	A. Court O.S. Parmele	Low Temperature Expectancy in Northern North America	Nov 1947
21	N. Sissenwine	Temperature and Humidity Cycles: Hot Weather Storage	Mar 1948
35	N. Sissenwine	Exposure Sites	Jun 1948
36	A. Court N. Sissenwine G. Mitchell	Extremes and Expectancy of Low Temperatures	Sep 1948
37	A. Court	Duration of Extremely Low Temperatures	Jul 1948
38	A. Court O.S. Parmele	Hottest Temperatures in the United States	Jun 1948
47		Arctic Alaska Field Study June-July 1948 (Confidential)	Sep 1948
48	J.C. Booth	Arctic Observations Along the Alaska Highway	Sep 1948

List 6

SPECIAL REPORTS

## 6. Special Reports

<u>Number</u>	<u>Author</u>	<u>Title</u>	<u>Date</u>
3	A. Court	The Scientific Evaluation and Distribution of Clothing	Dec 1948
4	R. Sutherland	Military Items Evaluated by Central African Expedition	Dec 1948
10	H. Wilkins	Army Arctic Indoctrination School	Jan 1949
11	H. Wilkins	Air Force Arctic Indoctrination School	Jan 1949
13	H. Wilkins	Experimental Arctic Clothing	Mar 1949
15	R.D. Campbell C.W. Ross	Analysis of Need for a Mountain Project	Jun 1949
17	W. Van Royen	Desert Regions of Southwestern United States	Mar 1949
19	H. Wilkins	Emergency Landing on Arctic Sea Ice	Mar 1949
20	Staff	Geography and Climatology of the Arctic Operations Area	May 1949
23	A. Court	Clothing Issued Based on Clo Value	Jul 1949
24	D.H.K. Lee	Status of Thermal Assessment Formula	Jul 1949
25	J.H. Plummer A. Court	The Rigorograph	Sep 1949
26	G.S. Mitchell	The Climate of Kolguev Island	Sep 1949
32	G.S. Mitchell	The Climate of Mongolia	Mar 1950
34	H. Lemons	Environmental Protection Keystone of Quartermaster Research	Mar 1950
35	N. Sissenvine	Humidity Aspects of Climatic Extremes for Combat Items	Mar 1950
38	E.J. Gumbel A. Court	Describing Normal Distribution from Data for one "Tail"	May 1950

Special Reports (continued)

41	D.H.K. Lee	Notes on Human Climatology in Saudi Arabia and Bahrein	May 1950
42	Staff	Environmental Conditions Affecting Quartermaster Equipage and Supply in Northwestern Africa	May 1950
44	A. Hansen A. Court	Winter in Korea	Aug 1950
45	N. Sissenwine A. Court	Snow and Wind Loads Affecting Design Combat Items	Oct 1950
46	A. Court	Evaluations of Clothing Almanacs	Oct 1950
47	A. Court N. Sissenwine	Desert Research and Test Sites	Nov 1950
48	N. Sissenwine A. Court	Heating Requirements in the Arctic	Feb 1951
49	G. Mitchell (ed.)	Zakarpatskaya Oblast	Mar 1951
52	A. Court	Monthly Weather Review	Feb 1952
53	W.C. Robison M.E. Morris	Study of Three Mountain Areas in Southwestern Wyoming	Aug 1951
54	P. Hayes	Snow Load for Portable Military Equipment	Aug 1951
55	J. Chambers H. Wilkins	Color for Desert Clothing	Jan 1952
57	E. Ramaley	World Deserts: Limits and Environmental Characteristics	Apr 1952
58	W.S. Child	The Pyrenees: A Military Study of a Mountain Environment	May 1952
60	F. de Percin A.V. Dodd W.L. Porter	Occurrence of High Temperatures in Boxcars	Apr 1953

Special Reports (continued)

61	P. Meigs	Frequency and Duration of High Temperature	Aug 1953
62	R.H. Morrison R.O. Stone	Water in the Desert	Jul 1953

List 7

CLOTHING ALMANACS



## 7. Clothing Almanacs

### Number

1	Japan	Sep 1945
2	Alaska	Jul 1950
3	Northeast Africa	Mar 1950
4	Greenland, Iceland, Jan Mayen and Svalbard	Aug 1950
5	Southwest Asia	Jul 1951
6	(Confidential) Western U.S.S.R.	Jul 1950
7	(Confidential) Eastern U.S.S.R.	Sep 1950
8	Northwest Africa	Oct 1950
9	(Confidential) Northern Europe	Sep 1950
10	China and Korea	Apr 1951
11	East Central Africa	Jun 1951
12	Canada	Dec 1951
13	British Isles	Apr 1951
14	Western Europe	Feb 1951
15	Central Europe	Sep 1951
16	South Central Asia	Dec 1951
17	(Confidential) Southeast Europe	Jun 1951
18	Southeast Asia	Dec 1951
19	Indonesia and the Philippines	Dec 1951
20	Central Africa	Dec 1951
21	United States	Dec 1951
22	Middle America	Dec 1951

Clothing Almanacs (continued)

23	Australasia	Dec 1951
24	Southwest Pacific	Dec 1951
25	Central Pacific	Dec 1951

List 8

CONTRACT REPORTS

## 8. Contract Reports

- Raisz, Erwin. Landform Map of Alaska. Inst Geograph Exploration. Cambridge, Mass: Harvard Univ 1948
- Baum, Werner A. On the relation between mean temperature and height in the layer of air near the ground. Ecology. 30:104-107 (Jan 1949)
- Raisz, Erwin. Canada Landforms Map). Inst Geograph Exploration. Cambridge, Mass: Harvard Univ 1949
- English, Van H. Landform Map of European USSR. Hanover, N.H.: Dartmouth College, 1950
- Fleagle, Robert G. A theory of air drainage. J. Meteorol 7:227-232 (Jun 1950)
- Fleagle, Robert G. Radiation theory of local temperature differences. J. Meteorol 7:114-120 (Apr 1950)
- Hoy, Harry E. Landform Map of Tanganyika. Office of The Quartermaster General, Washington, D.C. 1950
- Hoy, Harry E. Landforms Map of East Central Africa. Lithographed by Am Meteorol Soc 1950
- Hoy, Harry E. The Landforms of Southeast Asia (Map), Norman, Okla: Univ Oklahoma Research Inst 1951
- Lackey, E.E. Australasia (Landforms Map). Office of The Quartermaster General, Washington, D.C. 1951
- Raisz, Erwin. Landforms of Arabia (Map). Office of The Quartermaster General, Washington, D.C. 1951
- Raisz, Erwin. Landforms of the Near East (Map) Inst Geograph Exploration. Cambridge, Mass: Harvard Univ 1951
- Raisz, Erwin. Landform Map of North Africa. Office of The Quartermaster General, Washington, D.C. 1952
- Luntz, Robert S. Interim Report on Katmai Project, Katmai National Monument, Alaska. Washington: Nat Park Service. U.S. Dept Interior (Mar 1954)
- Hoy, Harry E. The Landforms of India and Pakistan (Map). Norman, Okla: Univ Oklahoma Research Inst 1955

Contract Reports (continued)

- Thompson, W.A., Jr. On the ratio of variances in the mixed incomplete block model. Ann Math Statistics 26:721-733
- Thompson, W.A., Jr. The relative size of the inter- and intra-block error in an incomplete block design. Biometrics 11:406-426 (Dec 1955)
- Schmidt-Nielsen, Knut. Animals and arid conditions: physiological aspects of productivity and management. The Future of Arid Lands 368-382, Washington, D.C.: Amer Assoc Advance Sci 1956
- Virginia Polytechnic Institute. Appraisals, research, and recommendations on statistics for environmental testing. Summary report: Statistical Analyses of Military Risks Resulting from Extreme Environmental Conditions. Blacksburg, Va. (Aug 1956)
- Armitage, Kenneth B. Lagos de la Planicie Costera de El Salvador. Com Inst Trop Invest Cient 6: 5-9 (1957)
- Austin, J.M., V. Noonkester, M. Glass, and A. Thomasell. Low-Level Inversions. Mass Inst Technol, Dept Meteorol, Cambridge, Mass (Sep 1957)
- Drewes, W.U. and A.T. Climate and Related Phenomena of the Eastern Andean Slopes of Central Peru. Syracuse, N.Y. Syracuse Univ Research Inst (Jun 1957)
- Armitage, Kenneth B. Lagos volcanicos de El Salvador. Com Inst Trop Invest Cient 7: 39-50 (1958)
- Budyko, M.I. The Heat Balance of the Earth's Surface. Translated by Nina A. Stepanova, under joint sponsorship of the U.S. Weather Bureau, Snow Ice & Permafrost Research Establishment, the QM Research and Engineering Command, Washington, D.C., 1958. (Available from U.S. Dept Commerce, Off Tech Svcs, PB 131692)
- Carmin, Robert L. Roads and the Advance of Settlement on the Goias Frontier - The Region of Brazil's New Capital. (Mimeographed) Urbana: Univ Illinois (Mar 1958)
- Chang, Jen-Hu. Ground Temperature (2 vol), Milton, Mass.: Blue Hill Meteorological Observatory, Harvard Univ (Jun 1958)
- Field, W.O. and Associates. Geographic Study of Mountain Glaciation in the Northern Hemisphere. New York: Am Geograph Soc, Dept Explor and Field Research (Feb 1958)

Contract Reports (continued)

Logan, Richard F. Observations on the Climate of the Namib Desert, South West Africa (mimeographed) Los Angeles: Univ California 1958

Ross, Philip. Microclimatic and Vegetational Studies in a Cold wet Deciduous Forest. Black Rock Forest Papers No. 24, Harvard Black Rock Forest, Cornwall-on-the-Hudson, N.Y. 1958

Thompson, Aylmer H., and C.R. Dickson. Ground Layer Temperature Inversions in an Interior Valley and Canyon. Dept Meteorol. Salt Lake City: Univ Utah 1958

Fosberg, F. Raymond. The Vegetation of Micronesia. Bull Am Mus Nat Hist 119:(1) New York 1960

McGill University, Arctic Meteorology Research Group. Publications in Meteorology Nos. 18, 20, 21, and 23. Temperature and Wind Frequency Tables for Eurasia. Vol. 1 (Jan-Mar), Feb 1960; Vol. 2 (Apr-Jun), May 1960; Vol. 3 (Jul-Sep), Jun 1960; Vol. 4 (Oct-Dec), Jul 1960

McGill University, Arctic Meteorology Research Group. Publications in Meteorology Nos. 24 and 25. Temperature and Wind Frequency Tables for North America and Greenland. Vol. 1 (Jan-Jun), Aug 1960; Vol. 2 (Jul-Dec), Sep 1960.

Murdock, G.P. Staple subsistence crops of Africa. Geograph Rev 50:523-540 (Oct 1960)

Thomas, Benjamin E. Transportation and Physical Geography in West Africa Nat Acad Sci-Nat Research Council

Carter, Adams and David Atherton. Milton-Mt. McKinley Range Expedition, 1960. J. Glaciol 3:1123-1132 (1961)

Logan, Richard F. Winter temperatures of a mid-latitude desert mountain range. Geograph Rev 51:236-252 (Apr 1961)

Marr, John W. Ecosystems of the east slope of the Front Range in Colorado Univ Colorado Studies. Series in Biology No. 8. Boulder: Univ Colorado Press (Nov 1961)

May, Jacques M. The Ecology of Malnutrition in the Far and Near East. Vol. 3, Studies in Medical Geography. Amer Geograph Soc. New York: Hafner Publishing Co., Inc. 1961

Contract Reports (continued)

McGill University, Arctic Meteorology Research Group. Index and Analysis of Surface Temperature and Wind Frequency Data. Montreal (Apr 1961)

McGill University, Arctic Meteorology Research Group. Publications in Meteorology No. 40. Atlas of Surface Temperature Frequencies for Eurasia. Montreal (Feb 1961)

McGill University, Arctic Meteorology Research Group. Publications in Meteorology No. 39. Atlas of Surface Temperature Frequencies for North America and Greenland. Montreal (Jan 1961)

Nat'l Academy of Sciences - Nat'l Research Council. Human Environments in Middle Africa [Part I] Final Report, Washington, D.C. (Feb 1961)

Nat'l Academy of Sciences - Nat'l Research Council. Human Environments in Middle Africa. Part II: Implications for American Nationals. Washington, D.C. 1961

Bohanan, P. and G. Dalton (eds.). Markets in Africa. Evanston, Ill., Northwestern Univ. Press (1962)

Huke, Robert E. Temperature Change with Elevation in Burma. Bloomington: Indiana Univ Foundation (July 1962)

Lowe, F., C. Bull, J. McCormick, and S. B. Treves. Reconnaissance of Sukkertoppen Ice Cap and Adjacent Tasersiaq Area, Southwest Greenland. Columbus, Ohio. Insitute of Polar Studies, Report No. 4, The Ohio State Univ Research Foundation (1962)

Thorp, Thomas E. High Velocity Winds in the Philippines. Bloomington: Indiana Univ Foundation (Aug 1962)

University of Michigan. Analysis of Geographic and Climatic Factors in Coastal Southeast Asia. Ann Arbor: Off. Research Admin (Mar 1962)

List 9

PUBLICATIONS IN THE OPEN LITERATURE



9. Publications in the open literature

- Doriot, Georges F. Environmental Protection. Proc Am Phil Soc 88:196-203 (1944)
- Siple, Paul A. Intra-clothing climate. Trans, Am Geophys Union 25:412-417 (1944)
- Ronne, Finn. The main southern sledge journey from East Base, Palmer Land, Antarctica. Proc Am Phil Soc 89:13-22 (Jan 1945)
- Siple, Paul A. Geographical exploration from Little America III, the West Base of the United States Antarctic Service Expedition 1939-1941. Proc Am Phil Soc 89:23-60 (Jan 1945)
- Siple, Paul A., and Charles F. Passel. Measurements of dry atmospheric cooling in sub-freezing temperatures. Proc Am Phil Soc 89:169-199 (Jan 1945)
- Schickele, Elizabeth. Environment and fatal heat stroke. The Military Surgeon 100:235-256 (Mar 1947)
- Court, Arnold. Wind chill. Bull Am Meteorol Soc 29:487-493 (Dec 1948)
- Lee, Douglas H.K. Thermal assessment of the environment. ASHVE Journal Section, Heating, Piping and Air Conditioning 1-6 (1948)
- Abrahamson, Sherman R. Operation Alpost. Quartermaster Rev 29:69-70 (Jan-Feb 1949)
- Baum, W.A., and Arnold Court. Research status and needs in microclimatology. Trans Am Geophys Union 30:488-493 (Aug 1949)
- Court, Arnold. How hot is Death Valley? Geograph Rev 39:214-220 (Feb 1949)
- Court, Arnold. Meteorological data for Little America III. Tabular and graphical results of observations made at the West Base of the United States Antarctic Service Expedition of 1939-1941. Monthly Weather Rev, Suppl No. 48 (1949)
- Court, Arnold. Separating frequency distributions into two normal components. Sci 110:500-501 (Nov 1949)
- Court, Arnold. Temperature measurements in polar ice. J. Glaciol 1:227-230 (Mar 1949)

Publications in the open literature (continued)

- Court, Arnold, Norman Sissenwine, and George S. Mitchell. Lowest temperatures in northern hemisphere. Weatherwise 2:1-4 (Feb 1949)
- Lacey, E.E. Mountain passes of the Colorado Rockies. Econ Geograph 25:211-215 (Jul 1949)
- Lee, Douglas H.K., and Hoyt Lemons. Clothing for global man. Geograph Rev 39:181-213 (Feb 1949)
- Lemons, Hoyt. Environmental protection, keystone of quartermaster research. Quartermaster Rev (Mar-Apr 1949)
- Thompson, Will F., Jr. Observations in Kamishak, Alaska. Geograph Rev 39:450-471 (Jul 1949)
- Court, Arnold. Climatographic research in weather and the building industry; a research conference on climatological research and its impact on building design, construction, materials, and equipment. BRAB Research Conf Rpt No. 1:29-33 (Apr 1950)
- Meigs, Peveril, Nels Bengtson, and W. Van Royen. Fundamentals of Economic Geography, 3rd edition. New York: Prentice Hall (1950)
- Anstey, Robert L. Small size farm provides valley stability. The Business Farmer 26(40): 5-6 (Oct 1951)
- Court, Arnold. Antarctic atmospheric circulation. In: Compendium of Meteor. 917-941 Boston: Am Meteorol Soc (1951)
- Court, Arnold. Bursting of frozen balloons. Bull Am Meteorol Soc 32:313-314 (1951)
- Court, Arnold. Coldest temperatures in the United States. Weatherwise 4:136-139 (Dec 1951)
- Court, Arnold. Temperature frequencies in the United States. J. Meteorol 8:367-380 (Dec 1951)
- Hodgdon, Albion R., and Andrew D. Hastings, Jr. Dryopteris fragrans var. ramotiuscula and some other ferns from the vicinity of Lake Sunapee, New Hampshire. Am Fern J. 41 No. 2 (Apr-Jun 1951)
- Lee, D.H.K. Thoughts on housing for the humid tropics. Geograph Rev 41:124-147 (Jan 1951)

Publications in the open literature (continued)

- Meigs, Peveril. Progress of Arid Zone research program. Intern Geograph Union Newsletter 11:16-17 (Aug 1951)
- Meigs, Peveril. World distribution of arid and semi-arid climates. (Map) Paris: UNESCO
- Anstey, Robert L. The search for Guyot's geographic writings. Professional Geogr 4:8-11 (Jul 1952)
- Bingham, Edgar W. A greenhouse in the Antarctic. Polar Record 6:392-393 (Jan 1952)
- Court, Arnold. Duration of very hot temperatures. Bull Am Meteorol Soc 33:140-149 (Apr 1952)
- Court, Arnold. Some new statistical techniques in geophysics. Advances Geophysics 1:45-85 (1952)
- Court, Arnold. Summer temperatures in the United States. Monthly Weather Rev 80:20-25 (Feb 1952)
- Meigs, Peveril. Design and use of homoclimatic maps: dry climates of Israel as example. Proc, Intern Symposium Desert Research May 7-14: 1-11 Jerusalem: UNESCO (1952)
- Meigs, Peveril. Water problems in the United States. Geograph Rev 42:346-366 (Oct 1952)
- Meigs, Peveril. What is an arid zone? And distribution of arid climates. Courier, UNESCO 5:6-9 (Jul 1952)
- Anstey, Robert L. Korean winter weather. Philippine Armed Forces J. 6(4): 8-13 (Sep 1953)
- Anstey, Robert L. Military climatology in logistics. Philippine Armed Forces J. 6(5): 44-50 (Oct 1953)
- Court, Arnold. Temperature extremes in the United States. Geograph Rev 43:39-49 (Jan 1953)
- Court, Arnold. Wind extremes as design factors. J. Franklin Inst 256:39-56 (Jul 1953)
- Lackey, Earl E. and Esther S. Anderson. Regions and Nations of the World. 2nd ed New York: D. Van Nostrand Company (1953)

Publications in the open literature (continued)

- Lee, D.H.K. Physiological climatology as a field of study. Ann Assoc Am Geograph 43:127-137 (Jun 1953)
- Lee, D.H.K. Significance of hot environments for man. Proc Nat Research Council, Washington, D.C. Building Research Advisory Board (1953)
- Meigs, Peveril. Outlook for the arid realm of the United States. Focus 4: No. 4 New York: Am Geograph Soc (Dec 1953)
- Meigs, Peveril. World distribution of arid and semi-arid homoclimates. Rev Research Arid Zone Hydrology 203-209. Paris: UNESCO (1953)
- de Percin, Fernand. Coldest area in the United States. Weatherwise 7:152-5 (Dec 1954)
- Meigs, Peveril. Fifty years of tides and waves in western agricultural geography. (Abstract) Ann Assoc Am Geographers 44:227-229 (1954)
- Meigs, Peveril. Outlook for arid North Africa: the Sahara forces. Focus 5 (2) (Dec 1954)
- Meigs, Peveril. The geographic study of water on the land. Chapter 17 in American Geography: Inventory and Prospect. P.E. James and C.F. Jones (eds.) Assoc Am Geograph. New York: Syracuse Univ Press (1954)
- Miller, David H. The influence of snow cover on climate in Greenland. Bull Am Meteorol Soc 35:90 (1954)
- Porter, W.L. Occurrence of high temperatures in standing boxcars. Proc, 7th Ann Meeting, R&D Assoc, Food & Container Inst, Los Angeles, Cal. (1954)
- Porter, W.L. Recent and current work on high temperatures in storage and transportation. Proc, 7th Ann Meeting, R&D Associates, Food and Container Inst, Los Angeles, Cal. (1954)
- Pratt, Richard L., and Austin Henschel. Measurement of climatic variables. In Methods in Medical Research. J. Murray Steele (ed.) Vol 6: 41-59. Chicago: The Year Book Publishers, Inc. (1954)
- Sprague, V.G., Hans Neuberger, W.H. Orgell, and A.V. Dodd. Air temperature distribution in the microclimatic layer. Agron J. 46:105-108 (Mar 1954)
- Wilkins, Sir Hubert. Field observers. Quartermaster Rev 34:41,78,81 (Jul-Aug 1954)

Publications in the open literature (continued)

- Meigs, Peveril. Salvaging the desert. The Nation 120:577-579 (Jun 1955)
- Miller, David H. Discussion of "Some Measurements of Ablation, Melting, and Solar Absorption on a Glacier in Peru" by Wallace E. Howell. Trans Am Geophys U. 36:339-340 (Apr 1955)
- Miller, David H. Snow Cover and Climate in the Sierra Nevada, California. Univ California, Publ in Geography 11:21 (Jul 1955)
- Wood, Walter F. The use of stratified random samples in a land use problem. Ann Assoc Am Geograph 45:350-367 (Dec 1955)
- de Percin, Fernand and Sigmund J. Falkowski. Frequencies of selected low temperatures in Alaska. Monthly Weather Rev 84:207-218 (Jun 1956)
- Miller, David H. Influence of open pine forest on daytime temperature in the Sierra Nevada. Geograph Rev 46:209-218 (Apr 1956)
- Miller, David H. Influence of snow cover on local climate in Greenland. J. Meteorol 13:112-120 (Feb 1956)
- Anstey, R.L. Agricultural land use in central Kyushu [in Japanese] Geograph Rev Japan 30:94-98 (Sep 1957)
- Anstey, R.L. Geographic problems in the Great Plains Irrigation District. Proc, 8th Genl Assembly and 17th Intern Congress 123-125. Washington, D.C.: Inter Geograph Union (1957)
- Hull, B.B. Once in a hundred year rainstorm, Washington, D.C., September 4, 1939. Weatherwise 10(4):128-131 (Aug 1957)
- Meigs, Peveril. Arid and semiarid climatic types of the world. Proc, 8th General Assembly and 17th Intern Congress 135-138. Washington, D.C.: Intern Geograph Union (1957)
- Meigs, Peveril. International Geographical Congress; (Report on papers on climatology at 8th General Assembly and 17th Intern Congress). World Meteorol Organization Bull 6:82-83 (Apr 1957)
- Meigs, Peveril. Report on activities of the Arid Zone Committee. Proc, 8th General Assembly and 17th Intern Congress 122. Washington, D.C.: Intern Geograph Union (1957)
- Meigs, Peveril, and F. de Percin. Frequency of cold-wet climatic conditions in the United States. Monthly Weather Rev 85:45-52 (Feb 1957)
- Meigs, Peveril. Weather and climate. In Edmund C. Jaeger. The North American Desert. 13-32. Stanford: Stanford Univ Press (1957)
- Miller, D.H. Coastal fogs and clouds. Geograph Rev 47:591-594 (1957)

Publications in the open literature (continued)

- Miller, D.H. What climatologists want from other geographers. Professional Geograph 9 (4):8-10 (1957)
- Anstey, R.L. Arnold Guyot, teacher of geography. J. Geography 57:441-449 (Dec 1958)
- Bennett, I. Antarctic meteorology. Geograph Rev 48:438-439 (Jul 1958)
- Bennett, I. Features of the synoptic climatology of freezing rain in the United States. Ann, Assoc Am Geograph 48:252 (Sep 1958)
- Dodd, A.V. and A.D. Hastings, Jr. Dew point temperatures in northern hemisphere deserts. Ann, Assoc Am Geograph 48:286 (Sep 1958)
- Lee, D.H.K. Proprioclimates of man and domestic animals. Climatology 102-125. Paris: UNESCO (1958)
- Miller, D.H. Climatology in the service of man. Geograph Rev 48(2):277-278 (1958)
- Miller, D.H. The pattern of insolation frequency in the U.S. Ann, Assoc Am Geograph 48:281 (Sep 1958)
- Robison, W.C. Geographical approach to plant geography. Ann, Assoc Am Geograph 48:286 (Sep 1958)
- Wood, W.F. Flat grasslands and hilly forests, why? Ann, Assoc Am Geograph 48:299 (Sep 1958)
- Anstey, R.L. Agricultural land use in central Kyushu. Proc IGU Regional Conf in Japan 1957 (1959)
- Anstey, R.L. Climatology beckons. Army Reservist 5(2):4 (Nov 1959)
- Turnbull, T.G. Fort Churchill. Quartermaster Rev 38(6):28 (May-Jun 1959)
- Anstey, R.L. Guyot's "hypsométrie," and a list of the known maps, books, articles, and lectures by Arnold Guyot. Special Libraries Assoc Geography and Map Division, Bull 39 (Feb 1960)
- Anstey, R.L. Physiological responses to heat and cold. Quartermaster Rev (Mar-Apr) 1960)
- Brierly, W.B. Environmental engineering -- a new discipline. Prevention of Deterioration Center, NAS, Newsletter 4(1) (Oct 1960)
- Dodd, A.V. Some microclimatic temperature differences at Yuma, Arizona. Weatherwise 13:64 (Apr 1960)

Publications in the open literature (continued)

Lackey, E.E. A method for assessing hourly temperature probabilities from limited weather records. Bull Am Meteorol Soc 41(6):298 (Jun 1960)

Lackey, E.E. Assessing daily minimum temperature probabilities from abbreviated weather records. Professional Geographer 12(5):1-7 (Sep 1960)

Meigs, Peveril. Climates of Central Africa, in Tropical Africa. G.H.T. Kimble, New York: Twentieth Century Fund 1:39 (1960)

Meigs, Peveril. Commission on the Arid Zone, report of the Chairman. The IGU Newsletter 11(1/2):14-22 (1960)

Meigs, Peveril. Environmental Protection. In: Encyclopedia of Science and Technology 5:15-17. New York: McGraw-Hill Book Co (1960)

Robison, W.C. Cultural plant geography of the Middle Appalachians. Dissertation Abstr 21:845 (Oct 1960)

Robison, W.C. Spruce Knob revisited: A half-century of vegetation change. Castanea 25:53 (Mar 1960)

Thompson, W.F. The shape of New England mountains. Appalachia No. 131 (Dec 1960)

Meigs, Peveril. Quartermaster problems of the ancient Greeks. Quartermaster Rev 41(38):128-137 (Sep-Oct 1961)

Meigs, Peveril. Some geographical factors in the Peloponnesian war. Geograph Rev 51:370-380 (Jul 1961)

Robison, W.C. Grazing as a natural ecological factor. Geograph Rev 51:308-310 (Apr 1961)

Thompson, W.F. The regional morphological character of New England mountains. Dissertation Abstr 21:7 (Jan 1961)

Thompson, W.F. Preliminary notes on the nature and distribution of rock glaciers relative to true glaciers and other effects of the climate on the ground in North America. Symposium of Obergurgl. Intern Assoc Scientific Hydrology. No. 58:212-219. Belgium: Intern Union Geodesy and Geophysics (1961)

Thompson, W.F. The shape of New England mountains, Parts II and III. Appalachia 33:316-335 (Jun) 33:458-478 (Dec 1961)

Publications in the open literature (continued)

Williams, L. Climatology and geographers. Professional Geographer 13(4)  
(Jul 1961)

Thompson, Will F. Cascade Alp slopes and gipfelfluren as clima-geomorphic  
Phenomena. Erdkunde 16 (2): 81-94 (Jul 1962)



DISTRIBUTION LIST

Copies

2	Commanding General, U. S. Army Materiel Command, Washington 25, D. C.
2	Commanding General, Hqs., U. S. Army Electronics Command, Fort Monmouth, N. J.
2	Commanding General, Hqs., U.S. Army Missile Command, Redstone Arsenal, Huntsville, Alabama
2	Commanding General, Hqs., U.S. Army Mobility Command, 28251 Van Dyke Avenue, Center Line, Michigan
2	Commanding General, Hqs., U. S. Army Munitions Command, Picatinny Arsenal, Dover, New Jersey
2	Commanding General, Hqs., U. S. Army Supply and Maintenance Command, Washington 25, D. C.
2	Commanding General, U. S. Army Test and Evaluation Command, Aberdeen Proving Ground, Md.
2	Commanding General, Hqs., U. S. Army Weapons Command, Rock Island Arsenal, Rock Island, Illinois
1	Commanding Officer, U.S. Army Combat Developments Command, Fort Belvoir, Virginia
1	Commandant, U.S. Marine Corps, Washington 25, D. C.
10	Commander, Armed Services Technical Information Agency, Arlington Hall Station, Arlington 12, Virginia
1	Commanding General, U.S. Army Combined Arms Group, Fort Leavenworth, Kansas
1	Commandant, U.S. Army War College, Attn: Dir., Doctrine and Studies Div., Carlisle Barracks, Pa.
1	Commanding Officer, U.S. Army Combat Service Support Group, Ft. Lee, Virginia
1	Commanding Officer, U.S. Army Office of Spec. Weapons Development, Ft. Bliss, Texas
1	Commanding General, U.S. Army Combat Developments Experimentation Center, Ft. Ord, California
1	Commanding General, U.S. Continental Army Command, Ft. Monroe, Va.
1	President, U.S. Army Artillery Bd., Ft. Sill, Okla.
1	President, U.S. Army Armor Bd., Ft. Knox, Ky.
1	President, U. S. Army Infantry Bd., Ft. Benning, Ga.
1	President, U.S. Army Air Defense Bd., Ft. Bliss, Texas
1	President, U. S. Army Airborne and Special Warfare Bd., Ft. Bragg, N.C.
1	President, U.S. Army Aviation Bd., Ft. Rucker, Ala.
1	Commanding Officer, U.S. Army Arctic Test Bd., Ft. Greely, Alaska
1	Commandant, U. S. Army Command and General Staff College, Attn: Archives, Ft. Leavenworth, Kansas
1	United States Army Research Office, Box 64, Duke Station, Durham, N.C.
1	Director, U.S. Army Engineer Research and Development Labs., Attn: Technical Document Center, Fort Belvoir, Va.

# DISTRIBUTION LIST (CONTD.)

## Copies

2	QM Liaison Officer, ASDL-8, Wright-Patterson AFB, Ohio
2	Director, U.S. Army Ballistic Research Laboratory, Aberdeen Proving Ground, Maryland
1	Director, U. S. Army Materials Research Agency, Watertown Arsenal, Watertown 72, Mass.
1	Commanding General, U.S. Army Nuclear Defense Laboratory, Army Chemical Center, Maryland
2	Commanding General, U.S. Army CBR Agency, Army Chemical Center, Maryland
1	Headquarters, U. S. Air Force, DCS/RT, Washington 25, D. C.
1	Chief, Life Sciences Group, Directorate of Research, DCS/Research and Technology, Headquarters, USAF, Washington 25, D. C.
1	Headquarters, Air Materiel Command, Attn: Tech Library, Wright Patterson AF Base, Ohio
1	Headquarters, Strategic Air Command, Offutt Air Force Base, Nebraska
1	Director, U.S. Naval Research Laboratory, Attn: Code 6140, Washington 25, D. C.
1	Director, Biological Sciences Div., Office of Naval Research, Dept. of the Navy, Washington 25, D. C.
1	Chief, Bureau of Naval Weapons, Dept. of the Navy, Washington 25, D.C.
1	Chief, Bureau of Ships, Code 362B, Dept. of the Navy, Washington 25, D. C.
1	Director, Special Projects, Dept. of the Navy, Attn: SP-272, Wash. 25, D.C.
1	Commander, U.S. Naval Ordnance Test Station, Attn: Code 12, China Lake, California
2	Director, Material Laboratory, New York Naval Shipyard, Attn: Library, Bldg. 291, Code 911B, Brooklyn 1, N. Y.
2	U.S. Atomic Energy Commission, Technical Reports Library, Washington 25, D.C.
2	U.S. Atomic Energy Commission, Office of Tech. Information, P.O. Box 62, Oak Ridge, Tennessee
2	Commanding General, Defense Supply Agency, Defense Clothing & Textile Supply Center, 2800 S. 20th St., Philadelphia, Pa.
1	National Research Council, 2101 Constitution Ave., Washington, D. C.
2	Gift and Exchange Division, Library of Congress, Washington 25, D. C.
1	U. S. Department of Commerce, Weather Bureau Library, Washington, D. C.
1	U. S. Department of Agriculture Library, Washington 25, D. C.
1	Commandant, Industrial College of the Armed Forces, Ft. McNair, Washington 25, D. C.
1	Commanding Officer, U.S. Army Signal Research and Development Lab., Ft. Monmouth, N. J.
1	Commandant, Air Defense School, Ft. Bliss, Texas
1	Commandant, U.S. Army Armor School, Ft. Knox, Kentucky
1	Commandant, U.S. Army Artillery School, Ft. Sill, Oklahoma
1	Commandant, U. S. Army Aviation School, Ft. Rucker, Alabama
1	Commandant, U. S. Army Infantry School, Ft. Benning, Georgia
1	Commandant, U.S. Army Special Warfare School, Ft. Bragg, N. C.

# DISTRIBUTION LIST (CONTD.)

## Copies

1	Commandant, US Army Engineer School, Ft. Belvoir, Virginia
1	Commandant, US Army Transportation School, Ft. Eustis, Virginia
1	Commandant, The QM School, Attn: Library, Ft. Lee, Virginia
1	Commanding Officer, Cold Weather & Mountain Indoctrination School, Ft. Greely, Alaska
1	Director, Marine Corps Landing Force Development Center, Marine Corps School, Quantico, Virginia
1	Library, Arctic Institute of North America, 3458 Redpath Street, Montreal 25, P. Q., Canada
1	Director, Air Crew Equipment Laboratory, Naval Air Material Center, Philadelphia 12, Pa.
16	Advisory Bd. on QM R&E, National Research Council, University of Rhode Island, Kingston, R. I.
1	Commander, AF Cambridge Research Ctr., Air Research & Development Cmd., Laurence G. Hanscom Field, Bedford, Mass. Attn: CRTOTT-2
1	Director, Air University Library, Attn: 7575, Maxwell AFB, Alabama
1	The Army Library, Pentagon Bldg., Washington 25, D. C.
1	National Research Council, 2101 Constitution Ave., Washington, D. C.